



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/204,123	12/02/1998	KAZUTAKA SHIBATA	8046.037USO	5063

22434 7590 01/15/2002

BEYER WEAVER & THOMAS LLP  
P.O. BOX 778  
BERKELEY, CA 94704-0778

EXAMINER

SMITH, SEAN PRENTISS

ART UNIT	PAPER NUMBER
----------	--------------

3729

DATE MAILED: 01/15/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.  
09/204,123

Applicant(s)  
Shibata

Examiner  
Smith

Art Unit  
3729

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Jan 4, 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above, claim(s) 3, 5, 8, and 9 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 4, 6, and 7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

- 13) ☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☒ All b) ☐ Some\* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

- 15) ☐ Notice of References Cited (PTO-892)
- 16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 17) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_
- 18) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 19) ☐ Notice of Informal Patent Application (PTO-152)
- 20) ☐ Other:

Art Unit: 3729

## **DETAILED ACTION**

### ***Continued Prosecution Application***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 1/8/02 has been entered.

### ***Claim Rejections - 35 U.S.C. § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1,2,4,6 and 7 are rejected under rejected under 35 U.S.C. 102(b) as being clearly anticipated by Matsui et al.

Regarding claim 1,2,6, 7 Matsui discloses a target surface (1) having a plurality of specified terminals forming areas (2) thereon, each of said specified terminal areas including one

Art Unit: 3729

or more terminal forming parts (51); forming an anisotropic layer (10) on said target surface so as to span said plurality of terminal forming areas; placing said plurality of electronic components on said anisotropic conductive layer individually above said plurality of forming areas and pressing the plurality of electronic components to said anisotropic conductive layer so as to thereby cause said conductive connecting members of the plurality of electronic components to individually become adhered to and in electrically conductive relationship with a corresponding one through the conductive layer . See Fig 5 (a), 5 (b) and (column 1, ln 49+).

Regarding claim 1,2,6 and 7, where a target surface having a plurality of specified terminal-forming areas thereon, each having a specified terminal forming areas including at least one terminal part therein, as in claim 1. Matsui discloses a target surface having a plurality of terminal-forming areas and terminal parts (2, 51). That forms a pair of terminal parts on a given surface. The first and second terminal-forming area and parts are closer to the third and fourth terminal area and part which is spaced apart from the fifth and sixth terminal.

### ***Response to Arguments***

3. Applicant's arguments filed 1/08/02 have been fully considered but they are not persuasive. The examiner has withdrawn the 112 second paragraph rejection in paragraph 2 of the office action dated 9/5/01. The applicant has argued the newly added limitation over comes the prior art in the office action dated 9/05/01. The examiner has reviewed the amendment and has maintained the rejection in response to the 1/08/02 amendment. Matsui clearly discloses the

Art Unit: 3729

distribution of the terminal forming part (51, Fig. 5a) over terminal-forming areas (2) as illustrated in Figs. 5a and 5b.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sean Smith whose telephone number is (703) 305-0831. The examiner can normally be reached on Monday thru Friday from 6:30 AM to 3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Vo, can be reached on (703) 308-1789. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-7058.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1148.



PETER VO  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3700

SS

January 11, 2002